INVEST IN MORAVIAN-SILESIAN REGION

JAN RAFAJ, VICEPRESIDENT

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History of the Moravian-Silesian Region

- The most important industrial region since the end of the 19th century
- Key industries in 1948-1989: mining, steel-making and engineering
- After 1990: successful transformation – automotive and IT industries and the greening of traditional heavy industry
- Quality infrastructure (train, highway and airport) and a strategic location between Poland and Slovakia
- Above-average availability of workers in technical professions
- Nowadays 200,000 workers in industry (1/3 of total active workforce)
Structure of industry in the Moravian-Silesian Region

SUCCESSFUL CZECH AND FOREIGN COMPANIES OPERATING IN THE MSR

- Energials: Veolia Energy, ČEZ
- Automotive: Brano, Hyundai, Varroc
- Engineering: Vítkovice Machinery Group, Siemens, Shimano
- Mining: Polcarbo, POL-Alpex
- Steelmaking: ArcelorMittal, Třinecké řezáreny
- IT: Tieto, NESS, IDS, Scheer, Verizon

BEST EMPLOYERS ARE FROM THE MSR

- PricewaterhouseCoopers Saratoga™ benchmarking evaluated in Sodexo Best Employer awards several times companies from the MSR:
  - Best employer in the CR (more than 5000 employees)
    - ArcelorMittal Ostrava (2015)
  - Best employer in the CR (less than 5000 employees)
    - Dalkia Czech Republic (2012)
Successful transformation of the region

- In Ostrava alone, more than 150,000 workers were laid off between 1989-2014
- In 08/2015, unemployment in the whole MS region was “only“ 8.51% (average in CR 6.2%)

**BUT!**

- Heavy investments in the modernisation and greening of production increased the productivity of heavy industry
- 14 companies from the MSR are in the CzechTop 100 (2012 revenues totalled CZK 265 billion), and 5 of them were “traditional” companies with total revenues of CZK 189 billion: Moravia Steel, Třinecké železárny, ArcelorMittal, OKD and Evraz

### Number of workers in Ostrava: mining and steel 1989-2014

<table>
<thead>
<tr>
<th>Year</th>
<th>OKD</th>
<th>Vítkovické železárny</th>
<th>Nová Huť / ArcelorMittal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1989</td>
<td></td>
<td></td>
<td></td>
<td>173000</td>
</tr>
<tr>
<td>1995</td>
<td></td>
<td></td>
<td></td>
<td>85000</td>
</tr>
<tr>
<td>2003</td>
<td></td>
<td></td>
<td></td>
<td>33700</td>
</tr>
<tr>
<td>2014</td>
<td></td>
<td></td>
<td></td>
<td>18694</td>
</tr>
</tbody>
</table>
## Structure of workforce in the MSR

<table>
<thead>
<tr>
<th>MSR employment situation in statistics (2014)</th>
<th>Figure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total inhabitants</td>
<td>1,221,832</td>
</tr>
<tr>
<td>Inhabitants in productive age (15-64 years)</td>
<td>835,577</td>
</tr>
<tr>
<td>Number of active workers</td>
<td>544,108</td>
</tr>
<tr>
<td>Workers in industry</td>
<td>219,673</td>
</tr>
<tr>
<td>Workers in services</td>
<td>313,267</td>
</tr>
<tr>
<td>Workers in agriculture</td>
<td>11,168</td>
</tr>
<tr>
<td>Unemployed (in productive age 15-64)</td>
<td>83,877 (9.56%)</td>
</tr>
</tbody>
</table>

*Unemployed, job seekers and vacancies in MSR districts as of the 2014 year-end*
Education and schools in the MSR

- High proportion of secondary technical schools
  - The majority of secondary schools in the MSR is technical
  - In 2014, secondary technical schools produced 38,000 school-leavers
  - 140 schools – 64 technical

- 5 universities in the MSR
  - Between 1991–2011, the number of graduates doubled: from 6 to 12% of the population
  - 68% of population educated to secondary level (most of them with technical orientation)

- VŠB-Technical University in Ostrava
  - Key partner to industrial companies (cooperation in R&D)
  - Founded in Ostrava in 1945 (but active since 1849 in Příbram)
  - 23,000 students in 7 faculties
  - New high-tech course programmes such as nanotechnology, mechatronics
Close cooperation between schools and companies

Schools run by companies
Třinecké železárny and Vítkovice Machinery Group run their own secondary schools aimed at technics. By many evaluated as the best regional technical schools.

Wichterle Gymnázium
State-of-art Gymnázium in Poruba which is (apart from others) achieving excellence in mathematics and other technical subjects as well.

ArcelorMittal Ostrava
Tens of R&D projects a year done with VŠB-TUO. Cooperating with local secondary schools to develop more studying programmes such as steelmaker and cokeplant operator. Trainee programmes for University graduates.

Project „Our School“
Project in Opava mainly supported by Mr. Juřiček, owner of Brano Group. Around 25 local industry companies support and closely cooperate with the secondary school.
JAN RAFAJ

- Vice-president of the Confederation of Industry of the Czech Republic
- Member of the board ArcelorMittal Ostrava
- Director of HR and public affairs at ArcelorMittal Ostrava